

ABSTRACT

It is to provide a ceramic sintered body and a ceramic filter having a long-term stability which can prevent cracks from occurring due to the breakage of ceramic particles when thermal stress is applied in regeneration process and the like, and can prevent catalyst carried from deteriorating when regeneration treatment is conducted repeatedly.

The invention is a ceramic sintered body comprising ceramic coarse particles and porous bonding layers existing between the ceramic coarse particles to connect the particles and comprising ceramic fine particles having an average particle size smaller than that of the ceramic coarse particles and/or the aggregates thereof, and a ceramic filter prepared by using the ceramic sintered body.